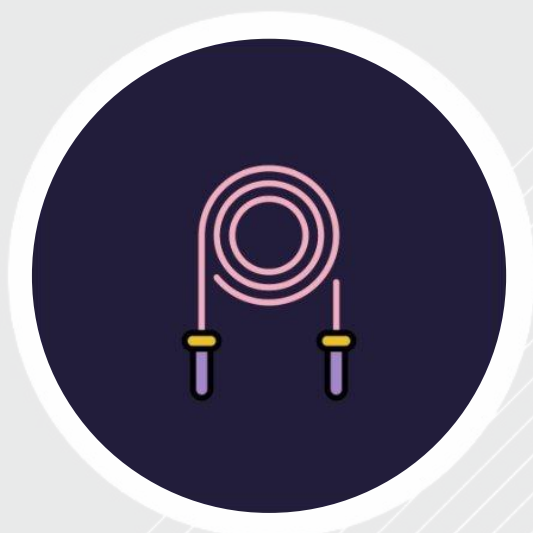




# SPYWOLF

## Security Audit Report



Completed on  
**June 3, 2022**

MADE IN USA 

 @SPYWOLFNETWORK

 @SPYWOLFNETWORK

 SPYWOLF.CO



# OVERVIEW

This audit has been prepared for **Skipping Rope Finance** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# Skipping Rope Finance



## PROJECT DESCRIPTION

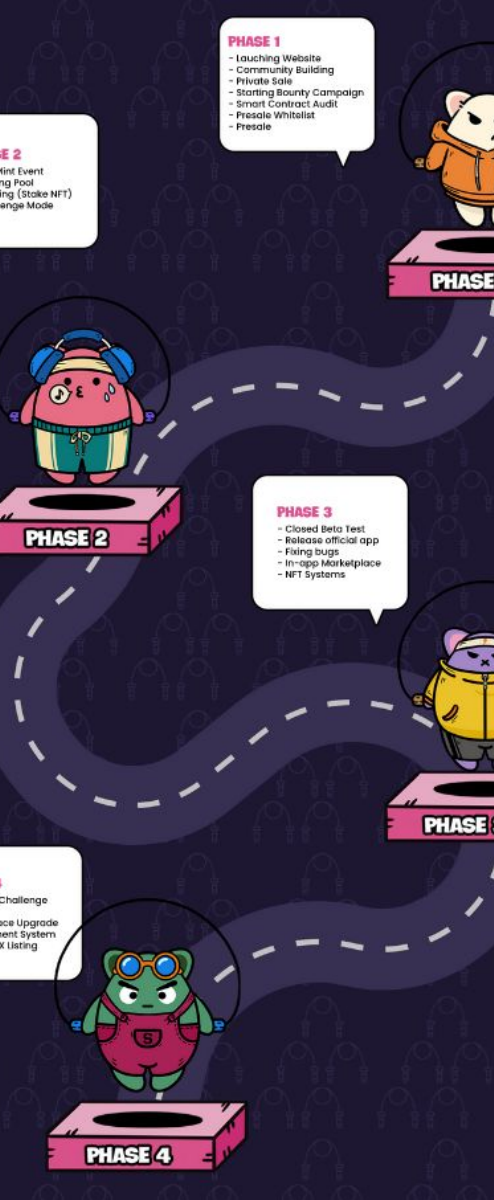
According to their whitepaper:

Skipping Rope is a fitness and workout app for mobile that detects your device motion and translates it into useful data to help you tracking your jump / skipping rope workouts. Log your actual and average heart rate together with the counted jumps, pace, calories burned, and more. Users equip themselves with NFTs in the form of Ropes. By skipping rope outdoors, users will earn game currency, which can either be used in-game, or cashed out for profit.

**Release Date:** June 3, 2022

**Category:** NFT / Move-To-Earn

01



# CONTRACT INFO

Contract Name  
SkippingRope

Symbol  
SROPE

Contract Address  
0x365d8aa8Ad5F4d832240DC9E749Df8bA7f4B8415

Network  
Binance Smart Chain

Language  
Solidity

Deployment Date  
June 3, 2022

Verified?  
Yes

Total Supply  
200,000,000

Status  
Not launched

## TAXES

Buy Tax  
**1%**

Sell Tax  
**7%**



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# CURRENT STATS

(As of June 03, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:  
**Not Launched!**

MaxTxAmount  
No limit

No additional  
information

LP Address(es)

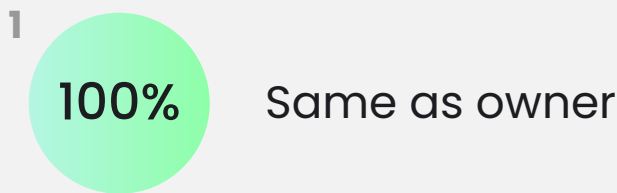
Liquidity not added yet



# FEATURED WALLETS

Owner address	0x767F10C585B8f8cF3386234bcAE8d6f28D16DA04
Treasury receiver	Same as owner
Auto liquidity receiver	0x9a5818C8fd94c55Ffdc9a952fdd2A866EAE721ad
LP address	Liquidity not added yet

## TOP 3 UNLOCKED WALLETS





# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

---

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

---

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

---

Issues on this level are minor details and warning that can remain unfixed.

## Informational

---

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



# FOUND THREATS

## ⚠ Medium Risk

Owner can set buy/sell fees up to 30% (combined buy+sell=60%).

```
function setTokenRewardsFee(uint256 value) external onlyOwner {
    tokenRewardsFee = value;
    totalFees = tokenRewardsFee.add(liquidityFee).add(marketingFee);
    require(totalFees <= 25, "Total fee is over 25%");
}
function setLiquidityFee(uint256 value) external onlyOwner {
    liquidityFee = value;
    totalFees = tokenRewardsFee.add(liquidityFee).add(marketingFee);
    require(totalFees <= 25, "Total fee is over 25%");
}
function setMarketingFee(uint256 value) external onlyOwner {
    marketingFee = value;
    totalFees = tokenRewardsFee.add(liquidityFee).add(marketingFee);
    require(totalFees <= 25, "Total fee is over 25%");
}
```

- Recommendation:
  - Good fee practice is that buy+sell fees don't exceed 25% combined.



# FOUND THREATS

## ⚠ High Risk

Owner can blacklist address from trading, making it impossible to sell.

```
function setBotBlacklist(address _botAddress, bool _flag) external onlyOwner {  
    require(_botAddress != address(this));  
    require(isContract(_botAddress), "only contract address, not allowed externally owned account");  
    blacklist[_botAddress] = _flag;  
}
```

- Recommendation:
  - Good practice is to set blacklist function available for limited amount of time at token launch.



# Informational

## Coding Standards

- Line # 125: Dead Code
  - `_burn()` function - line #857-872 is not used.
  - `_setRoleAdmin()` function - line #441-445 is not used.
  - `toHexString()` function - line #158-169 is not used.
  - `toString()` function - line #133-153 is not used.

### Recommendation

- Remove unused functions for code clarity and easier review.

- Public functions that should be declared external
  - The following functions are declared as public and are not invoked in any of the contracts contained within the project's scope.
    - `rescueForeignTokens()` - Line #328
    - `setFee()` - Line #333
    - `setNewMarketingAddress()` - Line #345
    - `toggleSwap()` - Line #421
    - `excludeMultipleAccountsFromFees()` - Line #425

### Recommendation

- We advise that the functions' visibility specifiers are set to external to save gas,



RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## Skipping Rope

GOOD PRACTICES FOUND

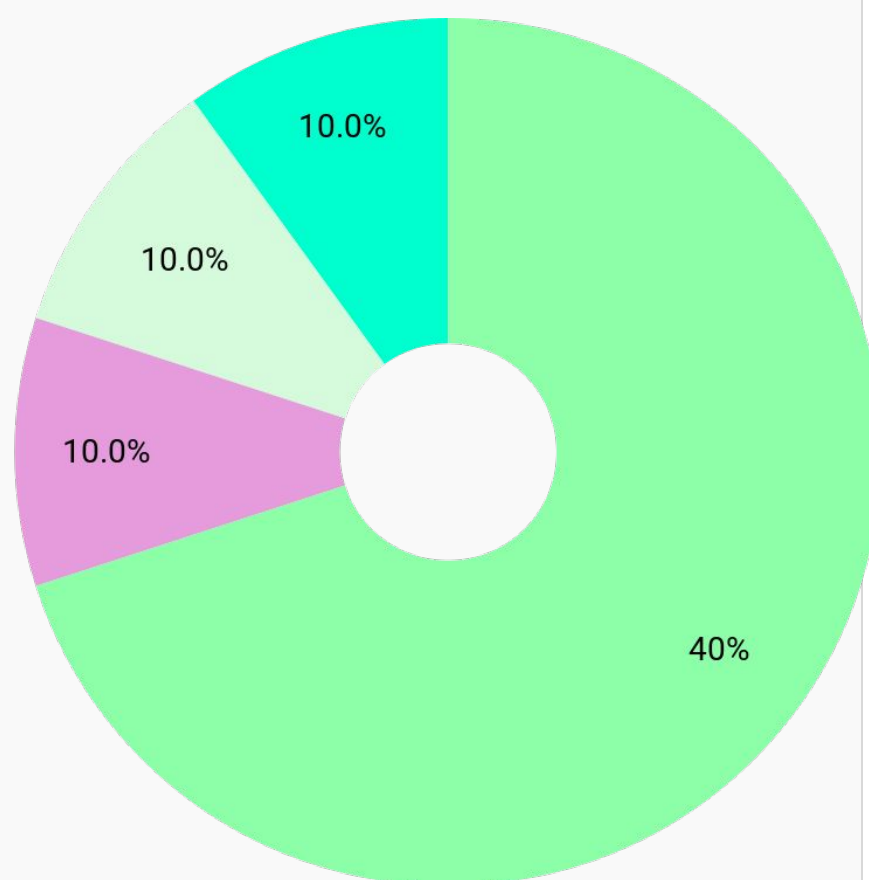
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner can't set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



\*The following tokenomics are based on the project's whitepaper and/or website:

- 35% - Presale
- 5% - Private sale
- 5% - Team
- 27.77% - Move 2 earn rewards
- 5% - Marketing, airdrop
- 22.05 - Liquidity
- 0.18% - Pinksale fee

- Marketing
- Mining Pool
- Liquidity
- Marketing, airdrop



TOKENOMICS



# THE TEAM

The team at **Skipping Rope** has privately doxxed to SPYWOLF by completing the following KYC requirements:

- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification

## KYC INFORMATION

Issuer

SPYWOLF

Members



KYC Date

May 25, 2022

Format

NFT

Certificate Link

[https://spywolf.network/assets/kyc/2022/june/KYC\\_SKIPPING\\_0x365d8aa8ad5f4d832240dc9e749df8ba7f4b8415.png](https://spywolf.network/assets/kyc/2022/june/KYC_SKIPPING_0x365d8aa8ad5f4d832240dc9e749df8ba7f4b8415.png)





**Website URL**  
<https://skippingrope.finance/>

**Domain Registry**  
<https://www.godaddy.com>

**Domain Expiration**  
Expires on 2023-05-15

**Technical SEO Test**  
Passed

**Security Test**  
Passed. SSL certificate present

**Design**  
Single page design,  
appropriate color scheme.

**Content**  
The information helps new  
investors understand what  
the product does right away.  
No grammar mistakes  
found. .

**Whitepaper**  
Well written, explanatory

**Roadmap**  
Yes, goals set at 4 phases  
without time frames.

**Mobile-friendly?**  
Yes



skippingrope.finance

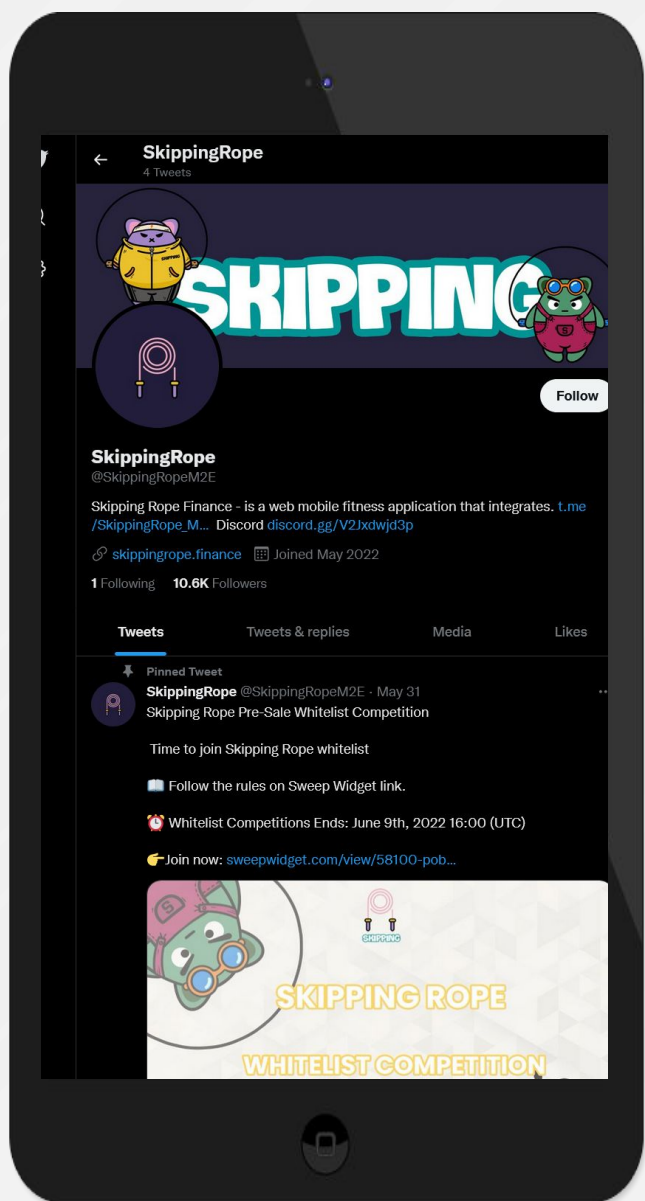
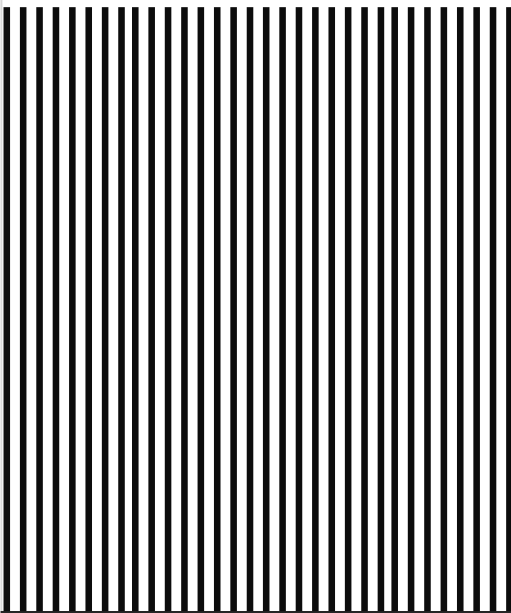




# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS



**Twitter**

[https://](https://twitter.com/SkippingRopeM2E)

- Not available



**Discord**

<https://discord.com/invite/V2Jxdwjd3p>

- 6 721 members
- Active



**Telegram**

[https://t.me/SkippingRope\\_Channel](https://t.me/SkippingRope_Channel)

- 18 342 members
- Announcements channel
- Daily announcements



**Medium**

[https://](https://medium.com/@SkippingRope)

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to  
[contact@spywolf.co](mailto:contact@spywolf.co) or  
[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.